SPECS

PEAVEY ELECTRONICS

Subcompact™ 15
Subwoofer

SPECIFICATIONS

Frequency Response:
55 Hz - 250 Hz

Low Frequency Limit (-3 dB point):
55 Hz

Useable Low Frequency Limit (-10 dB point):
48 Hz

Power Handling:
200 watts continuous (52.9 V RMS)
400 watts program

Sound Pressure Level 1 Watt at Meter Swept Sine Input in Anechoic Environment:
98 dB

Maximum Sound Pressure Level:
118 dB

Transducer Complement:
One heavy-duty, Peavey-built 15″ woofer

Tuning Frequency (Fbox):
62 Hz and 150 Hz

Impedance (Nominal):
8 ohms

Impedance (Minimum):
7.2 ohms

Input Connections:
Two ¼″ female connectors, one full-range input, one satellite output

Enclosure Materials & Finish:
High density plywood covered with heavy-duty black carpet, reinforced with black steel corners. Vents are protected by black metal grilles.

Mounting:
Four large rubber feet for floor use

Dimensions:
18⅛″ W x 26½″ H x 24¼″ D
46.0 cm W x 67.3 cm H x 61.6 cm D

Optional Accessories:
ECS™-250 passive crossover, CS® Series plug-in module, such as PL™-Subsonic or PL™-100, 150, or 250

Net Weight:
69 lbs.

Additional Remarks:
When used with biamplification, a crossover frequency of 250 Hz or lower is recommended

DESCRIPTION

The Subcompact™ 15 is a small, very lightweight, add-on subwoofer designed to facilitate adding additional low end to the HC/HC II series or other full-range speaker systems.

The enclosure is constructed of high density plywood covered with a heavy-duty black carpet. Black metal grilles cover the vent openings. A recessed handle on either side aids transport.

This low frequency enclosure is comprised of a 15″ heavy-duty woofer mounted in a dual resonant chamber configuration. The unit provides high output at low distortion by controlling speaker excursion and acoustically filtering out high frequencies.

FREQUENCY RESPONSE

This measurement is useful in determining how accurately a given enclosure reproduces an input signal. The frequency response of the Subcompact™ 15 is measured at 1 meter using a 2.82 volt, swept sine input. As shown in Figure 1, the selected driver in the Subcompact™ 15 gives a smooth frequency response from 55 Hz to 250 Hz.

POWER HANDLING

There are many different approaches to power handling ratings. Peavey rates this speaker system's power handling using a modified form of the AES Standard 2-1984. Utilizing audio band (20 Hz-20 kHz) pink noise with peaks over four times the RMS level, this strenuous test signal assures the user that every portion of this system can withstand today's high technology music. The test signal contains large amounts of very low frequency energy, effectively simulating the frequency content of live music situations. The full measure of high frequencies in the test signal allow for exposure of the speaker system to synthesized tones that may extend beyond audibility. This rating is contingent on having a minimum 3 dB of amplifier headroom available.

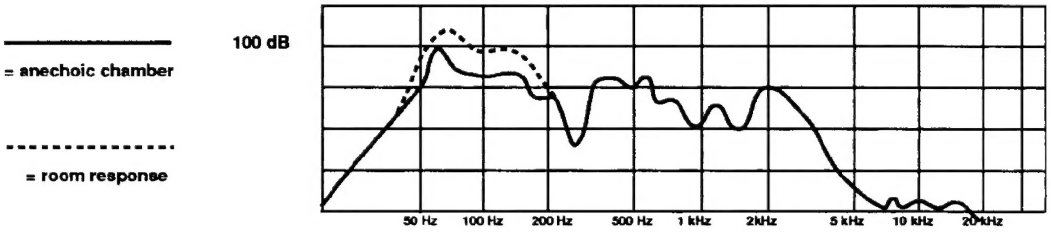
ARCHITECTURAL & ENGINEERING SPECIFICATIONS

The loudspeaker system shall have an operating bandwidth of 55 Hz to 250 Hz. The output level shall be 98 dB when measured at a distance of one meter with an input of one watt. The nominal impedance shall be 8 ohms. The continuous power handling shall be 200 watts with a maximum program power of 400 watts and a minimum amplifier headroom of 3 dB. The outside dimensions shall be 18⅛" wide by 26½" high by 24¼" deep. The weight shall be 69 pounds. The loudspeaker system shall be a Peavey model Subcompact™ 15.

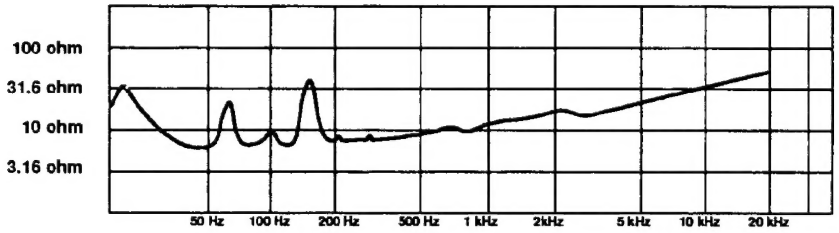
ONE YEAR LIMITED WARRANTY —

NOTE: For details, refer to the warranty statement. Copies of this statement may be obtained by contacting Peavey Electronics Corporation, P. O. Box 2898, Meridian, Mississippi 39302-2898.

Impedance, Fig. 1



Impedance, Fig. 2



Features and specifications subject to change without notice.

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Printed in U.S.A. 6/93